

## Author Index

- Afif, A., 177  
Arai, T., 231  
Audebert, R., 139  
  
Beattie, J.K., 131  
Bhat, S.G.T., 57  
Bottero, J.Y., 167  
Bouchelaghem, A., 167  
  
Champion, J.V., 223  
Chang, Y.-I., 21  
Châtelet, L., 167  
Cheng, H., 195  
Chikhi, M., 185  
Chowdhry, B.Z., 213  
Cleaver, J.K., 131  
Crew, P., 119  
  
Esumi, K., 231  
Everett, D.H., 151  
  
Findlay, A.D., 203  
  
Gate, L.F., 223  
Gauden, P.A., 147  
Gourmand, M., 139  
  
Halli, A., 67  
Hiskey, J.B., 29  
Hommel, H., 67, 177, 185  
  
Jeon, J.S., 29  
  
Kmet, S., 153  
Krägel, J., 75  
Kretzschmar, G., 75  
  
Lafuma, F., 139  
Legrand, A.P., 67, 177, 185  
Legrand, V., 139  
Leharne, S., 213  
Li, X., 161  
Liu, S.F., 139  
  
Ma, J., 195  
Meeten, G.H., 223  
Miller, R., 75  
  
Patterson, I., 213  
Pauporté, T., 1  
Prasad, G., 49  
  
Qi, L., 195  
  
Raghavan, S., 29  
Rakshit, A.K., 57  
Rupainwar, D.C., 49  
Rychlicki, G., 147  
  
Schuhmann, D., 1  
Schwarz, G., 39  
  
Singh, D.B., 49  
Škvarla, J., 153  
Smith, P.G., 119  
Sperline, R.P., 29  
Sulthana, S.B., 57  
  
Takasugi, K., 231  
Taylor, S.E., 39  
Terzyk, A.P., 147  
Thompson, D.W., 203  
Tipping, E., 203  
Touhami, A., 67  
  
Wackerbauer, G., 39  
Waite, T.D., 131  
Wang, Y.-F., 21  
Watling, H.R., 119  
Wood, P.R., 223  
Wu, G., 161  
Wüstneck, R., 75  
  
Yvon, J., 167  
  
Zhang, G., 161  
Zhang, M., 161  
Zhao, Z., 195

## Subject Index

- Adhesion, 21  
Adsorption, 49, 167  
Adsorption density, 29  
Adsorption layers, 75  
Adsorption potential, 147  
Aggregates, 213  
Aggregation, 132  
Aggregation number, 231  
Air/water interface, 39  
Alkyl phosphate surfactant, 29  
Alumina, 29  
Alumina suspensions, 131  
Aluminate ions, 119  
Aluminium oxyhydroxides, 131  
Anionic exchange, 167  
As(V), 49  
Attenuated total reflection-Fourier transform-infrared spectroscopy, 29  
  
Bayer liquors, 119  
Brushes, 67  
  
Cationic–anionic surfactants, 161  
Coated particles, 195  
Coils, 67  
Colloidal suspension, 139  
Complexation, 119  
Contact angle, 29  
Critical micelle concentration, 57  
Crystallization, 119  
Crystallization inhibitors, 119  
  
DLVO model, 131  
Dolomite, 153  
  
Elastic, 21  
Electrochemical impedance spectroscopy, 1  
Electrokinetic properties, 153  
Electrophoresis, 153, 203  
ELS, 153  
Enargite, 1  
  
Energetic heterogeneity, 147  
EPR, 185  
  
Feldspar, 49  
Flocculation, 139  
Flotation, 1  
Fluorocarbon surfactant, 231  
  
Gibbsite, 119  
Glucoside surfactant, 231  
  
Hematite, 49  
High sensitivity differential scanning calorimetry, 213  
Hydrotalcite, 167  
  
Kaolinite suspensions, 223  
  
Light scattering, 131  
Liquid interfaces, 75  
  
Magnesite, 153  
Micelles, 213  
Micellization, 57  
Mixed micelle, 231  
Mixed semiconductor nanoparticles, 195  
Molecular area, 39  
Monomer concentration, 213  
Myrj 45, 57  
  
Natural waters, 203  
Non-ionic surfactants, 57  
  
OH sites, 167  
Oxides, 203  
Oxyethylene/oxypropylene/oxyethylene triblock copolymers, 213  
  
Phosphatidylcholine, 39  
Photoluminescence, 195  
Photon correlation spectroscopy, 131  
Poly(ethylene oxide), 67, 177

Polymer, 139, 185  
Polyols, 119  
Proteins, 75

Reverse micelles, 195  
Rheo-optics, 223  
Rheology, 139

Silica, 67, 177  
Solids concentration, 153  
Solubilization, 161  
Spin labelling, 67, 177  
Surface activity, 161  
Surface pressure, 39

Surface rheology, 75  
Surfaces, 203  
Surfactants, 75, 213

Thermal treatment, 167  
Thermodynamic properties, 57  
Thermodynamics, 39

Viscosity, 161

Xanthate, 1

Zeta potential, 153  
ZnS-CdS, 195